



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

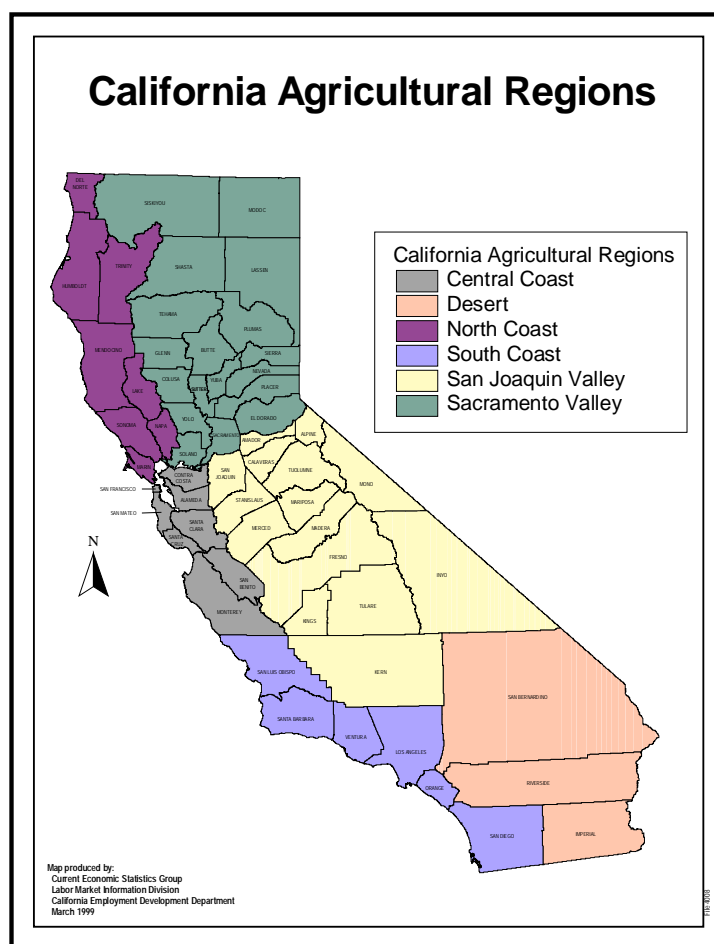
December 2000
(Internet Version)

Agricultural Overview

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This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Introduction

The California Agricultural Bulletin is produced by the Employment Development Department (EDD) in cooperation with the U.S. Department of Agriculture and through a grant from the U.S. Department of Labor. Because of changes in sampling and estimating procedures, farm employment data published by EDD prior to January 1997 may not be strictly comparable to current estimates.

Summary

Employment

Total California agricultural employment for December 2000 posted a decrease of 39,300 jobs from the previous month, a loss of 11 percent. Total Agricultural Production decreased 21,700 from November 2000 to December 2000, a loss of 10 percent. Agricultural Services decreased by 17,600 jobs, a loss of 12 percent. It is normal for agricultural employment to show a decrease from November to December. The change in California agricultural employment from November 1999 to December 1999 was a decrease of 39,600 jobs.

Farm Labor Contractors registered the largest decrease for December with a decline of 14,800 jobs. Berry crops posted a significant decrease of 7,100. The most significant increase for the month was seen in Farm Management Services, which added 1,500 jobs. Grape crops, Deciduous Tree Fruit, and Beef Cattle Feed Lots each increased by 500 for the month. Total agricultural employment decreased in the Central Coast, North Coast, South Coast, San Joaquin Valley, and Sacramento Valley Regions while an increase was registered in the Desert Region.

Production and Crop Activity

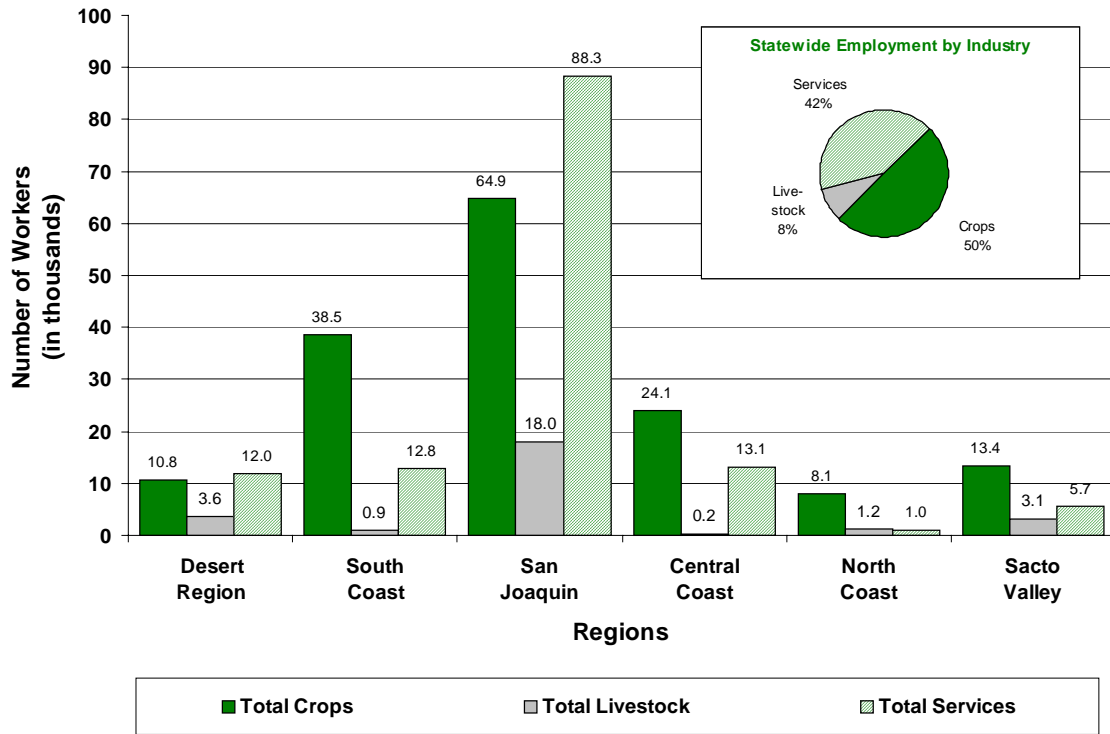
Ideal fall weather helped cotton growers to meet plowdown requirements. With the harvest essentially completed, cotton fields were shredded and disced in preparation for the 2001 crop. Herbicides and soil fumigants were applied. The sugar beet harvest neared completion and alfalfa hay cutting stopped in most areas. A few alfalfa fields were greenchopped for silage while other fields were prepared, irrigated, and seeded. Wheat and barley fields continued to be planted and fertilized. The planting of garbanzo beans was underway and land preparation and planting for winter forage crops continued. Spring lettuce, garlic, onions, and carrots continued to be planted. Fall broccoli and cauliflower were harvested in the San Joaquin Valley. Spinach, mustard, and collard greens were in various stages of harvest. Many vegetable fields were treated for mildew and insects. Vegetables harvested during the month included basil, bell peppers, bok choy, freezer beans, cabbage, carrots, chili peppers, cilantro, daikon, dill, garlic, green onions, parsley, and radicchio.

Orchards and vineyards were pruned and dormant sprays were applied. Some older orchards were replaced. The harvest of table grapes neared completion while the harvesting of persimmons and kiwifruit continued. The picking of grapefruit and new crop navel oranges was active. Lemon picking was also active in southern California. Satsuma and tangerines were actively being harvested and the digging of strawberry nursery plants was underway. Avocados were harvested in Tulare County.

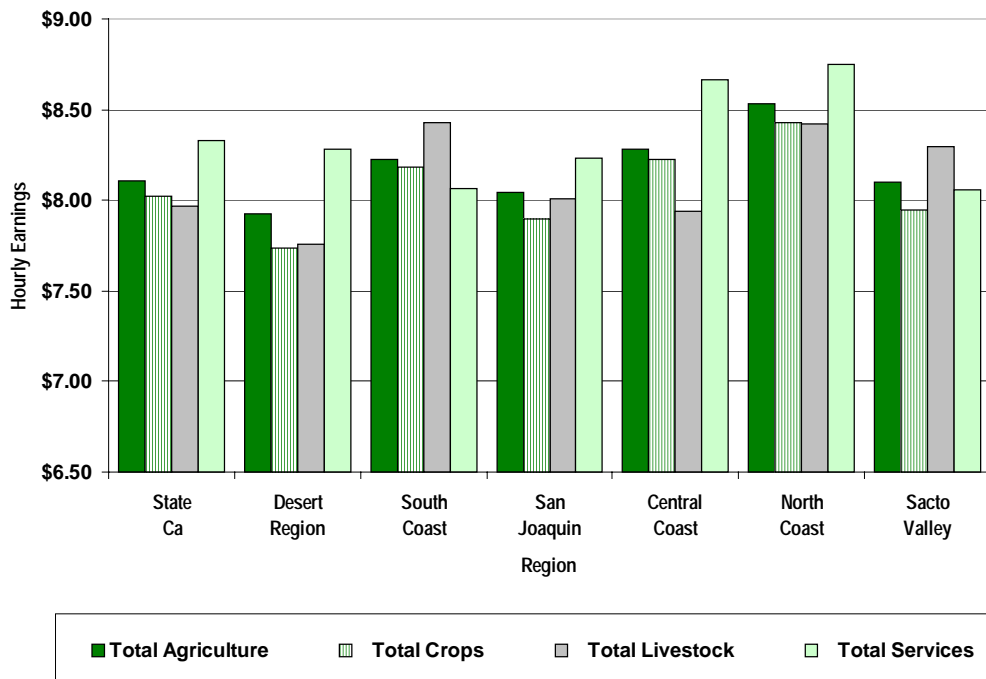
Lambing was completed in most central and northern areas. The supplemental feeding of cattle continued although some stockier cattle were moved onto rangeland.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	319.7	359.0	332.2
Total Agricultural Production/Crops	159.8	183.1	166.1
Cash Grains	1.5	2.5	2.1
Rice	1.3	2.0	1.2
Other Cash Grains	0.2	0.5	0.9
Field Crops Except Grains	10.9	12.9	10.2
Cotton	4.3	6.4	5.6
Other Field Crops	6.6	6.5	4.6
Vegetables and Melons	25.9	40.3	25.3
Total Fruits and Tree Nuts	71.0	75.3	70.8
Berries	7.9	15.0	8.8
Grapes	27.6	27.1	31.0
Tree Nuts	7.9	8.6	8.4
Citrus Fruits	4.3	4.0	5.4
Deciduous Tree Fruit	9.7	9.2	10.9
Other Fruits & Nuts	13.6	11.4	6.3
Total Horticultural Specialties	34.3	34.1	37.6
Ornamental Floral & Nursery	31.8	33.3	34.1
Food Crops Grown Under Cover	2.5	0.8	3.5
General Farm Primarily Crop	16.2	18.0	20.1
Agricultural Production/Livestock	27.0	25.4	29.5
Beef Cattle Feed Lots	2.3	1.8	0.9
Beef Cattle Except Feed Lots	1.4	1.0	3.5
Dairy Farms	14.0	14.1	16.5
Chicken Eggs	1.2	1.2	2.5
Turkey & Turkey Eggs	1.1	0.7	1.0
Other Livestock	7.0	6.6	5.1
Total Agricultural Services	132.9	150.5	136.6
Soil Preparation Services	0.2	0.9	1.3
Crop Services	39.2	42.8	42.3
Plant Cultivate & Protection	6.7	8.5	5.3
Harvest Primarily by Machine	3.5	4.5	4.3
Preparation Services for Market	28.2	28.2	31.0
Cotton Ginning	0.8	1.6	1.7
Total Farm Labor & Management	93.5	106.8	93.0
Farm Labor Contractors	82.6	97.4	84.2
Farm Management Services	10.9	9.4	8.8

Average Hourly Earnings
(In dollars per hour)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	8.11	8.12	8.02
Total Agricultural Production/Crops	8.02	7.98	7.94
Cash Grains	8.25	8.02	8.35
Rice	8.14	8.21	8.52
Other Cash Grains	8.35	7.83	8.18
Field Crops Except Grains	7.97	7.90	8.06
Cotton	7.85	7.64	7.61
Other Field Crops	8.08	8.16	8.51
Vegetables and Melons	7.95	7.96	7.85
Total Fruits and Tree Nuts	7.94	7.85	7.65
Berries	7.62	7.43	7.34
Grapes	7.88	8.07	7.70
Tree Nuts	8.13	7.90	7.62
Citrus Fruits	7.84	7.83	7.52
Deciduous Tree Fruit	7.89	7.66	7.72
Other Fruits & Nuts	8.28	8.23	8.00
Total Horticultural Specialties	8.05	8.16	8.20
Ornamental Floral & Nursery	8.15	8.21	8.20
Food Crops Grown Under Cover	7.96	8.11	8.20
General Farm Primarily Crop	7.99	7.96	7.55
Agricultural Production/Livestock	7.97	8.06	7.67
Beef Cattle Feed Lots	8.10	8.43	7.86
Beef Cattle Except Feed Lots	8.25	8.28	7.71
Dairy Farms	8.63	8.63	7.79
Chicken Eggs	6.91	7.09	7.01
Turkey & Turkey Eggs	7.77	7.82	7.34
Other Livestock	8.15	8.11	8.32
Total Agricultural Services	8.33	8.32	8.46
Soil Preparation Services	8.32	8.39	8.79
Crop Services	8.54	8.53	8.49
Plant Cultivate & Protection	8.62	8.57	8.28
Harvest Primarily by Machine	8.53	8.55	8.57
Preparation Services for Market	8.06	7.92	8.10
Cotton Ginning	8.95	9.09	9.02
Total Farm Labor & Management	8.12	8.04	8.10
Farm Labor Contractors	7.93	7.81	7.93
Farm Management Services	8.31	8.27	8.28

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	37.4	56.0	40.7
Total Agricultural Production/Crops	24.1	31.6	25.4
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.9	0.5	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	0.9	0.5	0.2
Vegetables and Melons	7.8	12.3	9.1
Total Fruits and Tree Nuts	5.9	9.3	5.3
Berries	2.8	5.7	3.4
Grapes	2.8	2.8	0.9
Tree Nuts	0.1	0.0	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.1	0.2	0.7
Other Fruits & Nuts	0.1	0.6	0.1
Total Horticultural Specialties	9.4	8.9	9.5
Ornamental Floral & Nursery	8.2	8.9	7.4
Food Crops Grown Under Cover	1.2	0.0	2.1
General Farm Primarily Crop	0.1	0.6	1.3
Agricultural Production/Livestock	0.2	0.2	1.0
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.2	0.2	0.3
Total Agricultural Services	13.1	24.2	14.3
Soil Preparation Services	0.0	0.0	0.3
Crop Services	7.9	10.7	7.1
Plant Cultivate & Protection	0.0	0.0	0.5
Harvest Primarily by Machine	2.1	2.6	1.2
Preparation Services for Market	5.8	8.1	5.4
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	5.2	13.5	6.9
Farm Labor Contractors	2.8	12.0	5.9
Farm Management Services	2.4	1.5	1.0

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	8.28	8.25	8.08
Total Agricultural Production/Crops	8.23	8.22	8.13
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.26	8.32	8.80
Cotton	na	na	na
Other Field Crops	8.26	8.32	8.80
Vegetables and Melons	8.03	8.16	8.65
Total Fruits and Tree Nuts	8.29	7.94	7.76
Berries	7.72	7.96	7.30
Grapes	8.22	8.10	8.21
Tree Nuts	8.67	na	7.62
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.18	7.29	7.48
Other Fruits & Nuts	8.64	8.39	8.20
Total Horticultural Specialties	8.30	8.61	8.44
Ornamental Floral & Nursery	8.51	8.61	8.37
Food Crops Grown Under Cover	8.09	na	8.50
General Farm Primarily Crop	8.26	8.06	7.01
Agricultural Production/Livestock	7.94	8.04	7.72
Beef Cattle Feed Lots	na	na	7.77
Beef Cattle Except Feed Lots	na	na	7.78
Dairy Farms	na	na	8.06
Chicken Eggs	na	na	6.91
Turkey & Turkey Eggs	na	na	7.09
Other Livestock	7.94	8.04	8.71
Total Agricultural Services	8.67	8.50	8.39
Soil Preparation Services	na	na	8.28
Crop Services	9.02	8.75	8.48
Plant Cultivate & Protection	na	na	8.21
Harvest Primarily by Machine	9.00	9.05	8.89
Preparation Services for Market	9.04	8.45	8.34
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.32	8.25	8.42
Farm Labor Contractors	7.97	7.91	8.17
Farm Management Services	8.66	8.59	8.66

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	26.4	25.1	31.0
Total Agricultural Production/Crops	10.8	11.0	13.5
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	1.4	2.6	1.6
Cotton	0.2	0.3	0.0
Other Field Crops	1.2	2.3	1.6
Vegetables and Melons	2.7	1.8	3.7
Total Fruits and Tree Nuts	3.0	2.3	4.3
Berries	0.0	0.0	0.0
Grapes	0.3	0.1	1.9
Tree Nuts	0.0	0.1	0.3
Citrus Fruits	1.3	1.5	1.1
Deciduous Tree Fruit	0.1	0.0	0.1
Other Fruits & Nuts	1.3	0.6	0.9
Total Horticultural Specialties	1.0	2.3	1.7
Ornamental Floral & Nursery	0.4	2.3	1.6
Food Crops Grown Under Cover	0.6	0.0	0.1
General Farm Primarily Crop	2.7	2.0	2.1
Agricultural Production/Livestock	3.6	3.7	5.6
Beef Cattle Feed Lots	0.5	0.4	0.2
Beef Cattle Except Feed Lots	0.0	0.0	0.6
Dairy Farms	1.9	2.2	3.0
Chicken Eggs	0.7	0.8	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.5	0.3	0.6
Total Agricultural Services	12.0	10.4	11.9
Soil Preparation Services	0.0	0.0	0.2
Crop Services	4.2	2.0	4.4
Plant Cultivate & Protection	0.8	0.4	0.4
Harvest Primarily by Machine	0.0	0.0	0.6
Preparation Services for Market	3.2	1.2	3.0
Cotton Ginning	0.2	0.4	0.4
Total Farm Labor & Management	7.8	8.4	7.3
Farm Labor Contractors	7.1	8.2	6.3
Farm Management Services	0.7	0.2	1.0

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	7.92	8.01	8.05
Total Agricultural Production/Crops	7.73	7.77	7.94
Cash Grains	na	na	8.21
Rice	na	na	na
Other Cash Grains	na	na	8.21
Field Crops Except Grains	7.99	7.89	8.55
Cotton	7.95	7.77	na
Other Field Crops	8.02	8.01	8.55
Vegetables and Melons	7.43	7.62	7.03
Total Fruits and Tree Nuts	7.98	7.77	7.84
Berries	na	na	na
Grapes	7.85	7.66	7.52
Tree Nuts	na	7.00	8.26
Citrus Fruits	7.63	7.82	7.87
Deciduous Tree Fruit	7.83	na	7.78
Other Fruits & Nuts	8.59	8.60	7.77
Total Horticultural Specialties	7.65	7.88	8.24
Ornamental Floral & Nursery	7.50	7.88	8.08
Food Crops Grown Under Cover	7.79	na	8.39
General Farm Primarily Crop	7.63	7.71	7.80
Agricultural Production/Livestock	7.76	7.95	7.79
Beef Cattle Feed Lots	7.76	8.34	7.77
Beef Cattle Except Feed Lots	na	na	7.42
Dairy Farms	8.51	8.57	8.11
Chicken Eggs	7.03	7.28	7.08
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.72	7.59	8.56
Total Agricultural Services	8.28	8.31	8.42
Soil Preparation Services	na	na	8.95
Crop Services	8.31	8.35	8.27
Plant Cultivate & Protection	8.36	8.27	8.18
Harvest Primarily by Machine	na	na	8.40
Preparation Services for Market	7.68	7.67	7.57
Cotton Ginning	8.88	9.10	8.91
Total Farm Labor & Management	8.25	8.27	8.06
Farm Labor Contractors	8.50	8.49	7.92
Farm Management Services	8.00	8.04	8.19

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	10.3	12.3	11.7
Total Agricultural Production/Crops	8.1	8.3	8.3
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.0
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.0
Vegetables and Melons	0.2	0.3	0.2
Total Fruits and Tree Nuts	6.3	6.3	6.3
Berries	0.0	0.0	0.0
Grapes	5.6	5.6	5.2
Tree Nuts	0.0	0.1	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.4	0.2	0.9
Other Fruits & Nuts	0.3	0.4	0.1
Total Horticultural Specialties	0.4	1.0	1.5
Ornamental Floral & Nursery	0.4	1.0	1.3
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	1.2	0.7	0.3
Agricultural Production/Livestock	1.2	1.7	1.8
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.2	0.2	0.2
Dairy Farms	0.4	0.5	0.9
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.6	1.0	0.4
Total Agricultural Services	1.0	2.3	1.6
Soil Preparation Services	0.0	0.0	0.0
Crop Services	0.0	0.0	0.1
Plant Cultivate & Protection	0.0	0.0	0.0
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.1
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	1.0	2.3	1.5
Farm Labor Contractors	0.0	0.0	0.3
Farm Management Services	1.0	2.3	1.2

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	8.53	8.48	8.11
Total Agricultural Production/Crops	8.43	8.40	8.15
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	na
Cotton	na	na	na
Other Field Crops	na	na	na
Vegetables and Melons	8.50	8.27	8.40
Total Fruits and Tree Nuts	8.47	8.56	8.07
Berries	na	na	na
Grapes	8.42	8.68	8.97
Tree Nuts	na	8.50	7.55
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.54	8.58	8.29
Other Fruits & Nuts	8.44	8.48	7.47
Total Horticultural Specialties	8.69	8.68	8.46
Ornamental Floral & Nursery	8.69	8.68	8.66
Food Crops Grown Under Cover	na	na	8.26
General Farm Primarily Crop	8.06	8.08	7.66
Agricultural Production/Livestock	8.42	8.33	7.57
Beef Cattle Feed Lots	na	na	8.17
Beef Cattle Except Feed Lots	8.09	8.02	7.76
Dairy Farms	8.72	8.54	7.04
Chicken Eggs	na	na	7.12
Turkey & Turkey Eggs	na	na	7.15
Other Livestock	8.46	8.43	8.18
Total Agricultural Services	8.75	8.72	8.62
Soil Preparation Services	na	na	na
Crop Services	na	na	8.47
Plant Cultivate & Protection	na	na	na
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	8.47
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.75	8.72	8.78
Farm Labor Contractors	na	na	8.49
Farm Management Services	8.75	8.72	9.06

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	52.2	58.8	51.4
Total Agricultural Production/Crops	38.5	40.8	37.0
Cash Grains	0.1	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.0	0.1
Field Crops Except Grains	1.2	1.2	0.2
Cotton	0.0	0.0	0.1
Other Field Crops	1.2	1.2	0.2
Vegetables and Melons	7.7	9.1	8.0
Total Fruits and Tree Nuts	12.4	15.8	9.6
Berries	5.0	8.8	5.0
Grapes	1.1	0.6	1.3
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	1.1	1.7	1.6
Deciduous Tree Fruit	0.4	0.1	0.1
Other Fruits & Nuts	4.8	4.6	1.5
Total Horticultural Specialties	14.5	13.4	16.4
Ornamental Floral & Nursery	14.1	13.0	15.6
Food Crops Grown Under Cover	0.4	0.4	0.8
General Farm Primarily Crop	2.6	1.3	2.7
Agricultural Production/Livestock	0.9	0.5	2.2
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.2	0.2	0.4
Dairy Farms	0.0	0.0	0.2
Chicken Eggs	0.0	0.0	0.5
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.7	0.3	1.1
Total Agricultural Services	12.8	17.5	12.2
Soil Preparation Services	0.0	0.0	0.1
Crop Services	1.6	1.5	2.3
Plant Cultivate & Protection	0.5	0.3	0.4
Harvest Primarily by Machine	0.0	0.0	0.3
Preparation Services for Market	1.1	1.2	1.6
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	11.2	16.0	9.8
Farm Labor Contractors	8.3	13.0	9.0
Farm Management Services	2.9	3.0	0.8

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	8.23	8.20	8.01
Total Agricultural Production/Crops	8.18	8.20	7.81
Cash Grains	8.42	na	7.59
Rice	na	na	na
Other Cash Grains	8.42	na	7.59
Field Crops Except Grains	8.22	8.61	7.94
Cotton	na	na	7.31
Other Field Crops	8.22	8.61	8.57
Vegetables and Melons	8.02	8.00	7.93
Total Fruits and Tree Nuts	8.00	8.00	7.36
Berries	7.72	7.76	6.64
Grapes	7.64	8.15	7.04
Tree Nuts	na	na	7.32
Citrus Fruits	8.51	8.36	7.22
Deciduous Tree Fruit	7.47	7.32	7.27
Other Fruits & Nuts	8.67	8.41	8.69
Total Horticultural Specialties	8.15	8.35	8.22
Ornamental Floral & Nursery	7.98	8.12	8.29
Food Crops Grown Under Cover	8.32	8.57	8.15
General Farm Primarily Crop	8.29	8.05	7.82
Agricultural Production/Livestock	8.43	8.40	7.73
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.59	8.62	6.89
Dairy Farms	na	na	8.43
Chicken Eggs	na	na	6.86
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.27	8.17	8.72
Total Agricultural Services	8.06	8.01	8.50
Soil Preparation Services	na	na	9.26
Crop Services	8.27	8.27	8.24
Plant Cultivate & Protection	8.73	8.74	8.26
Harvest Primarily by Machine	na	na	8.28
Preparation Services for Market	7.80	7.80	8.19
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.86	7.75	7.99
Farm Labor Contractors	7.70	7.50	8.12
Farm Management Services	8.02	8.00	7.86

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	171.2	181.4	172.1
Total Agricultural Production/Crops	64.9	74.8	64.0
Cash Grains	0.4	1.0	0.4
Rice	0.4	0.8	0.1
Other Cash Grains	0.0	0.2	0.3
Field Crops Except Grains	6.2	7.5	7.3
Cotton	4.1	6.1	5.5
Other Field Crops	2.1	1.4	1.8
Vegetables and Melons	6.3	15.5	3.1
Total Fruits and Tree Nuts	37.5	33.2	37.1
Berries	0.1	0.3	0.2
Grapes	17.2	17.7	20.5
Tree Nuts	5.5	5.8	5.4
Citrus Fruits	1.9	0.8	2.6
Deciduous Tree Fruit	6.5	5.1	5.8
Other Fruits & Nuts	6.3	3.5	2.6
Total Horticultural Specialties	6.1	6.5	5.3
Ornamental Floral & Nursery	5.8	6.1	5.2
Food Crops Grown Under Cover	0.3	0.4	0.1
General Farm Primarily Crop	8.4	11.1	10.8
Agricultural Production/Livestock	18.0	15.8	16.8
Beef Cattle Feed Lots	1.6	1.1	0.4
Beef Cattle Except Feed Lots	0.9	0.5	1.4
Dairy Farms	11.5	11.2	11.5
Chicken Eggs	0.5	0.4	0.6
Turkey & Turkey Eggs	1.1	0.7	0.8
Other Livestock	2.4	1.9	2.1
Total Agricultural Services	88.3	90.8	91.3
Soil Preparation Services	0.2	0.9	0.6
Crop Services	22.7	26.5	25.9
Plant Cultivate & Protection	4.9	6.6	3.7
Harvest Primarily by Machine	1.1	1.5	1.9
Preparation Services for Market	16.1	17.2	19.0
Cotton Ginning	0.6	1.2	1.3
Total Farm Labor & Management	65.4	63.4	64.8
Farm Labor Contractors	61.5	61.1	60.3
Farm Management Services	3.9	2.3	4.5

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	8.05	8.05	7.98
Total Agricultural Production/Crops	7.90	7.82	7.86
Cash Grains	8.36	8.01	8.22
Rice	8.36	8.32	8.08
Other Cash Grains	na	7.69	8.36
Field Crops Except Grains	7.73	7.63	8.07
Cotton	7.75	7.51	7.90
Other Field Crops	7.70	7.74	8.23
Vegetables and Melons	7.86	7.87	7.65
Total Fruits and Tree Nuts	7.44	7.36	7.66
Berries	7.42	6.83	7.73
Grapes	7.41	7.59	6.91
Tree Nuts	7.69	7.88	7.30
Citrus Fruits	7.39	7.31	8.06
Deciduous Tree Fruit	7.27	7.09	7.94
Other Fruits & Nuts	7.48	7.43	8.00
Total Horticultural Specialties	7.88	7.89	7.91
Ornamental Floral & Nursery	8.12	8.12	7.66
Food Crops Grown Under Cover	7.64	7.65	8.15
General Farm Primarily Crop	8.13	8.20	7.65
Agricultural Production/Livestock	8.01	8.12	7.79
Beef Cattle Feed Lots	7.85	8.13	7.78
Beef Cattle Except Feed Lots	8.27	8.46	8.52
Dairy Farms	8.91	8.84	7.77
Chicken Eggs	6.78	6.90	7.09
Turkey & Turkey Eggs	7.77	7.82	7.78
Other Livestock	8.47	8.59	7.81
Total Agricultural Services	8.23	8.20	8.29
Soil Preparation Services	8.32	8.39	8.87
Crop Services	8.42	8.42	8.40
Plant Cultivate & Protection	8.79	8.71	8.27
Harvest Primarily by Machine	8.27	8.27	8.78
Preparation Services for Market	7.61	7.62	7.43
Cotton Ginning	9.02	9.07	9.12
Total Farm Labor & Management	7.95	7.80	7.61
Farm Labor Contractors	7.75	7.46	7.50
Farm Management Services	8.14	8.14	7.71

na = not available

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	22.2	25.4	25.2
Total Agricultural Production/Crops	13.4	16.6	17.8
Cash Grains	1.0	1.5	1.5
Rice	0.9	1.2	1.1
Other Cash Grains	0.1	0.3	0.4
Field Crops Except Grains	1.2	1.1	0.8
Cotton	0.0	0.0	0.0
Other Field Crops	1.2	1.1	0.8
Vegetables and Melons	1.2	1.3	1.2
Total Fruits and Tree Nuts	5.9	8.4	8.2
Berries	0.0	0.2	0.2
Grapes	0.6	0.3	1.2
Tree Nuts	2.3	2.6	2.3
Citrus Fruits	0.0	0.0	0.1
Deciduous Tree Fruit	2.2	3.6	3.3
Other Fruits & Nuts	0.8	1.7	1.1
Total Horticultural Specialties	2.9	2.0	3.2
Ornamental Floral & Nursery	2.9	2.0	3.0
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	1.2	2.3	2.9
Agricultural Production/Livestock	3.1	3.5	2.1
Beef Cattle Feed Lots	0.2	0.3	0.1
Beef Cattle Except Feed Lots	0.1	0.1	0.6
Dairy Farms	0.2	0.2	0.8
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	2.6	2.9	0.6
Total Agricultural Services	5.7	5.3	5.3
Soil Preparation Services	0.0	0.0	0.1
Crop Services	2.8	2.1	2.5
Plant Cultivate & Protection	0.5	1.2	0.3
Harvest Primarily by Machine	0.3	0.4	0.3
Preparation Services for Market	2.0	0.5	1.9
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.9	3.2	2.7
Farm Labor Contractors	2.9	3.1	2.4
Farm Management Services	0.0	0.1	0.3

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Dec 2000	Nov 2000	Dec 1999
Total Agriculture	8.10	8.11	7.97
Total Agricultural Production/Crops	7.95	7.91	7.91
Cash Grains	8.10	8.04	8.76
Rice	7.92	8.10	8.96
Other Cash Grains	8.28	7.97	8.56
Field Crops Except Grains	8.21	8.13	8.42
Cotton	na	na	na
Other Field Crops	8.21	8.13	8.42
Vegetables and Melons	7.83	7.82	7.41
Total Fruits and Tree Nuts	7.92	7.93	7.55
Berries	na	7.17	7.68
Grapes	7.74	8.21	7.55
Tree Nuts	8.03	8.21	7.65
Citrus Fruits	na	na	6.92
Deciduous Tree Fruit	8.07	8.00	7.58
Other Fruits & Nuts	7.83	8.04	7.89
Total Horticultural Specialties	8.08	7.84	7.94
Ornamental Floral & Nursery	8.08	7.84	8.12
Food Crops Grown Under Cover	na	na	7.75
General Farm Primarily Crop	7.54	7.68	7.36
Agricultural Production/Livestock	8.30	8.31	7.73
Beef Cattle Feed Lots	8.70	8.83	7.79
Beef Cattle Except Feed Lots	8.05	8.00	7.89
Dairy Farms	8.37	8.56	7.31
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.06	7.84	7.93
Total Agricultural Services	8.06	8.12	8.29
Soil Preparation Services	na	na	8.57
Crop Services	8.38	8.33	8.52
Plant Cultivate & Protection	8.61	8.56	8.49
Harvest Primarily by Machine	8.33	8.34	8.49
Preparation Services for Market	8.19	8.08	8.59
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.74	7.91	7.77
Farm Labor Contractors	7.74	7.67	7.35
Farm Management Services	na	8.15	8.18

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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